

Title (en)
Method of embedding a machine readable steganographic code

Title (de)
Einbettungsverfahren für maschinenlesbare steganographische Kodierung

Title (fr)
Procédé d'intégration d'un code stéganographique lisible par machine

Publication
EP 1372334 A3 20040331 (EN)

Application
EP 03021208 A 19960507

Priority

- EP 01107905 A 19960507
- EP 96917808 A 19960507
- US 43610295 A 19950508
- US 50808395 A 19950727
- US 51299395 A 19950809
- US 53400595 A 19950925
- US 63753196 A 19960425

Abstract (en)
[origin: WO9636163A2] Various improvements to steganographic systems, and applications therefore, are disclosed. The improvements include facilitating scale and rotation registration for steganographic decoding by use of rotationally symmetric steganographically embedded patterns and subliminal digital gratitudes; improved techniques for decoding without access to unencoded originals; improving robustness of steganographic coding in motion pictures and/or in the presence of lossy compression/decompression; and representing data by patterned bit cells whose energy in the spatial domain facilitates decoding registration. Applications include enhanced-security financial transactions, counterfeit resistant identification cards, fraud deterrent systems for cellular telephony, covert modem channels in video transmission, photo duplication kiosks with automatic copyright detection, and hotlinked image objects (e.g. with embedded URLs) for use on the internet.

IPC 1-7
H04N 1/32; H04N 1/00

IPC 8 full level
B42D 15/10 (2006.01); **G06F 17/30** (2006.01); **G06F 21/10** (2013.01); **G06K 19/06** (2006.01); **G06K 19/14** (2006.01); **G06K 19/18** (2006.01); **G06T 1/00** (2006.01); **G07C 9/00** (2006.01); **G07D 7/00** (2006.01); **G07D 7/12** (2006.01); **G07F 7/08** (2006.01); **G07F 7/10** (2006.01); **G07F 17/16** (2006.01); **G07F 17/26** (2006.01); **G10L 19/018** (2013.01); **G11B 20/00** (2006.01); **H04N 1/00** (2006.01); **H04N 1/32** (2006.01); **H04N 1/387** (2006.01); **G06K 17/00** (2006.01); **H04Q 7/38** (2006.01)

CPC (source: EP US)
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DOCDB simple family (application)

US 9606618 W 19960507; AT 00104810 T 19960507; AT 00116604 T 19960507; AT 01107905 T 19960507; AT 03021208 T 19960507;
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